Cibola NF
Magdalena RD

Quemado RD

Catron

Cibola NF
Magdalena RD

Socorro

Reserve

Reserve RD

Glenwood RD

Glenwood

Black
Range RD

Wilderness RD

Cibola NF
Magdalena RD

Sierra

Silver City RD

Silver City

Silver
City RD

Silver City RD

Grant

Mortality

- Douglas-fir beetle
- Fir engraver beetle
- Piñon ips
- Western pine beetle
- Douglas-fir beetle and fir engraver beetle
- Douglas-fir beetle and western pine beetle
- Fir engraver beetle and western pine beetle
- 50 Estimated number of dead trees (for mortality agents only)

Defoliation

- Light western tent caterpillar
- Heavy western tent caterpillar
- Heavy western spruce budworm

- Areas not surveyed
- National Forest
- Community location
- Major roads
- County boundaries

Gila National Forest surveyed 8/8/2005 - 8/18/2005 by Daniel Ryerson, Forest Health, New Mexico Zone Office, Southwestern Region. Cibola National Forest surveyed 7/14/2005 - 7/29/2005 by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region.

Alegres Mountain area surveyed 7/11/2005 by Stephani Sandoval, New Mexico State University Cooperative Extension Service.

The insect and disease activity depicted here is based on aerial detection surveys and should only be used as a general indicator of incidence. This map represents the mortality and defoliation that has occurred since the previous surveys in 2004. Depending upon the timing of survey, the entire extent of some insect and disease activity may not have been detected. In addition, most diseases cause gradual declines in tree health that are not typically detectable during aerial surveys. Intensity of damage is variable, thus not all trees within a mapped area are dead or defoliated. Caution should be used in interpreting these results due to the subjective nature of aerial sketch mapping and the scale of mapping. Areas of particular concern should be ground-checked for precise determination of location and causal agent.

2005
Insect and Disease Aerial Survey
Gila National Forest
and Vicinity

1:250,000

0 5 10 15 20 Miles

N

Map produced by
Forest Health Staff
New Mexico Zone
10/3/2005

UTM Zone 13, North American Datum 1927